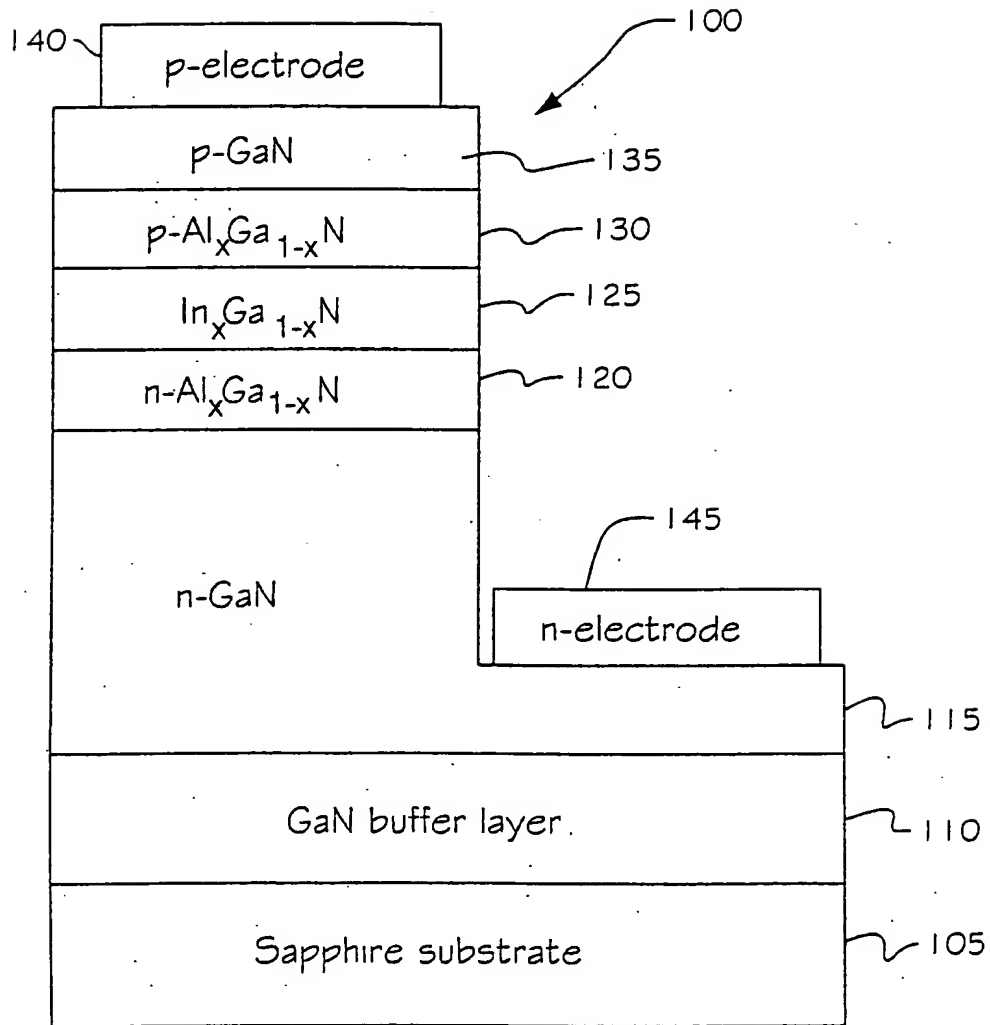




FIG. 1(a)



PRIOR ART

FIG. 1(b)

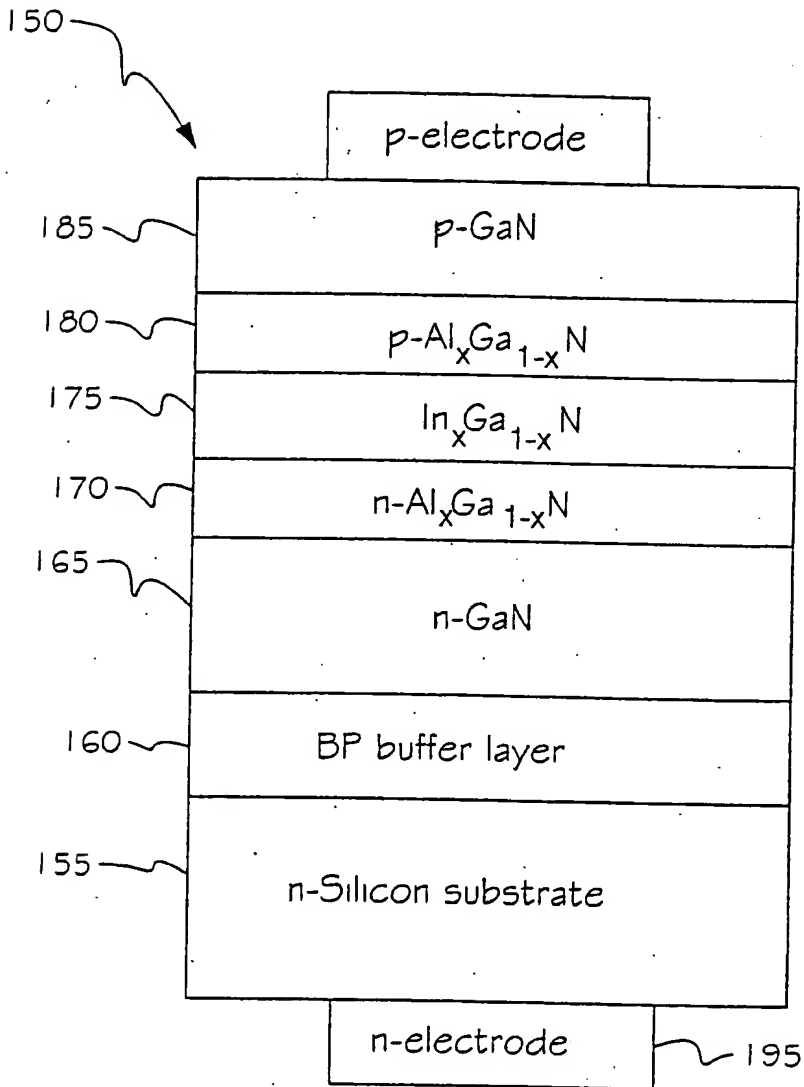


FIG. 2(a)

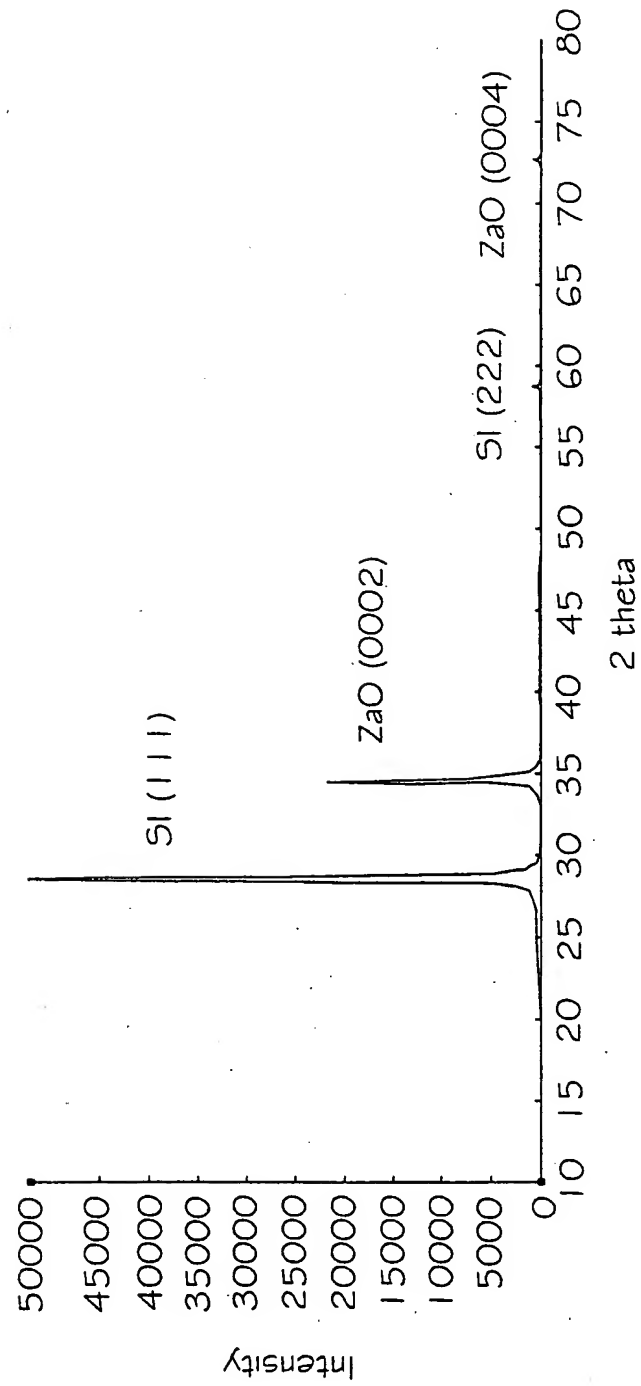


FIG. 2 (b)

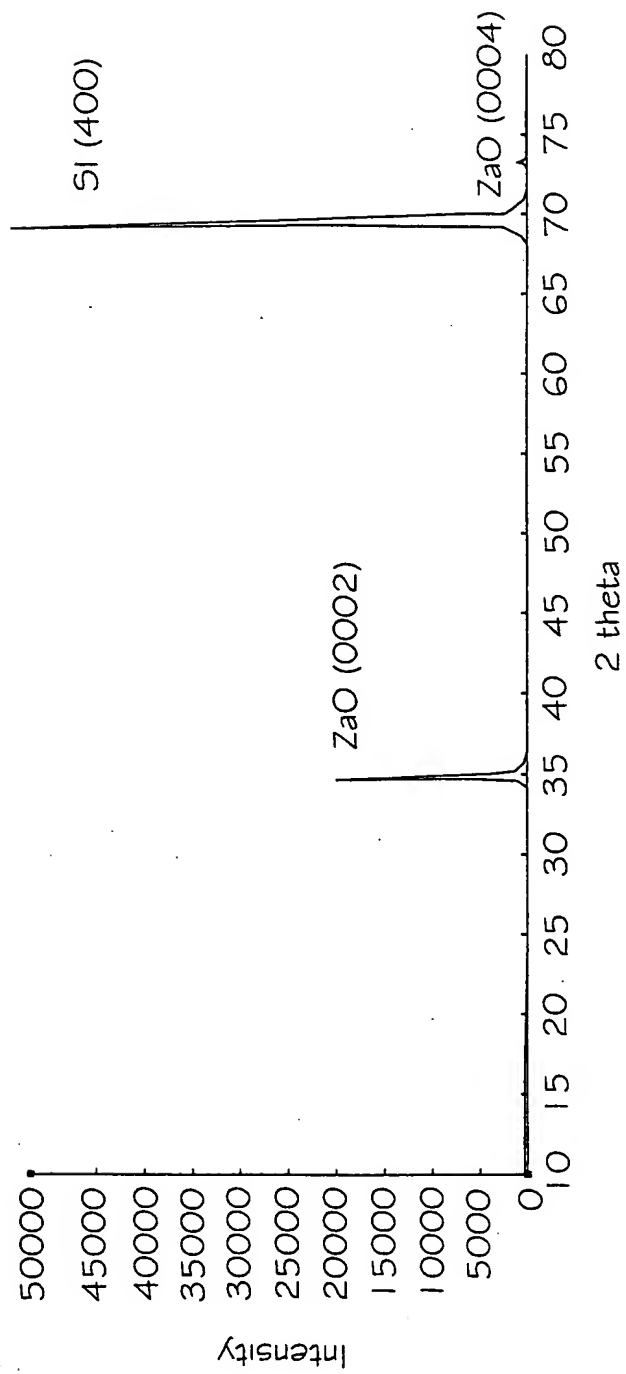


FIG. 4(a)

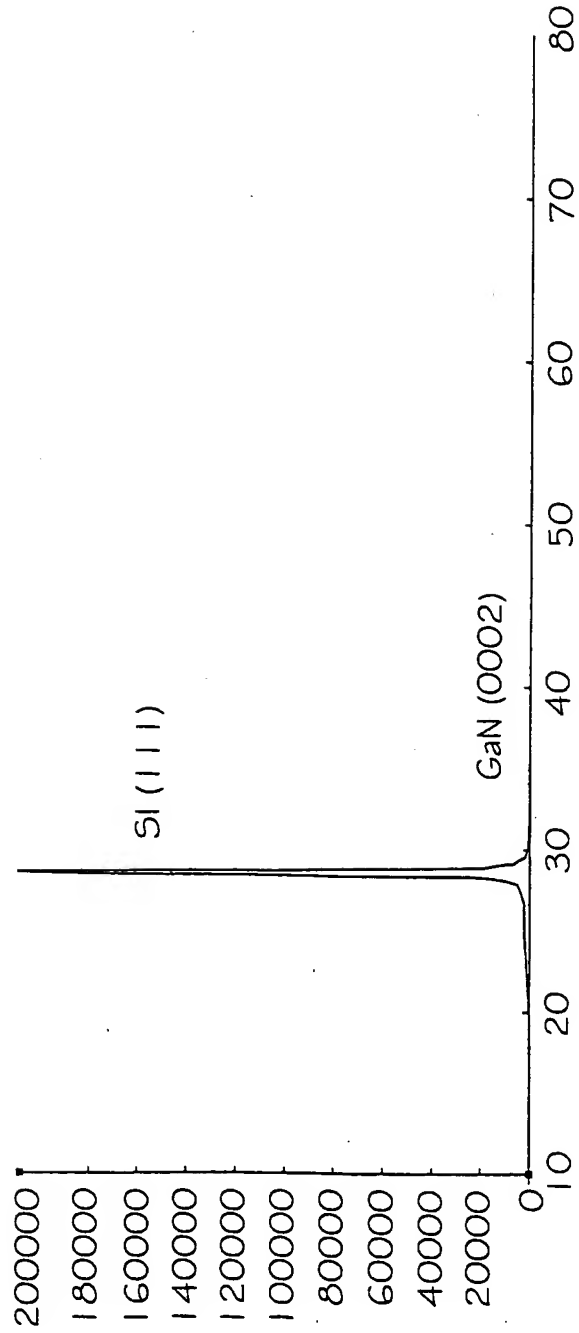
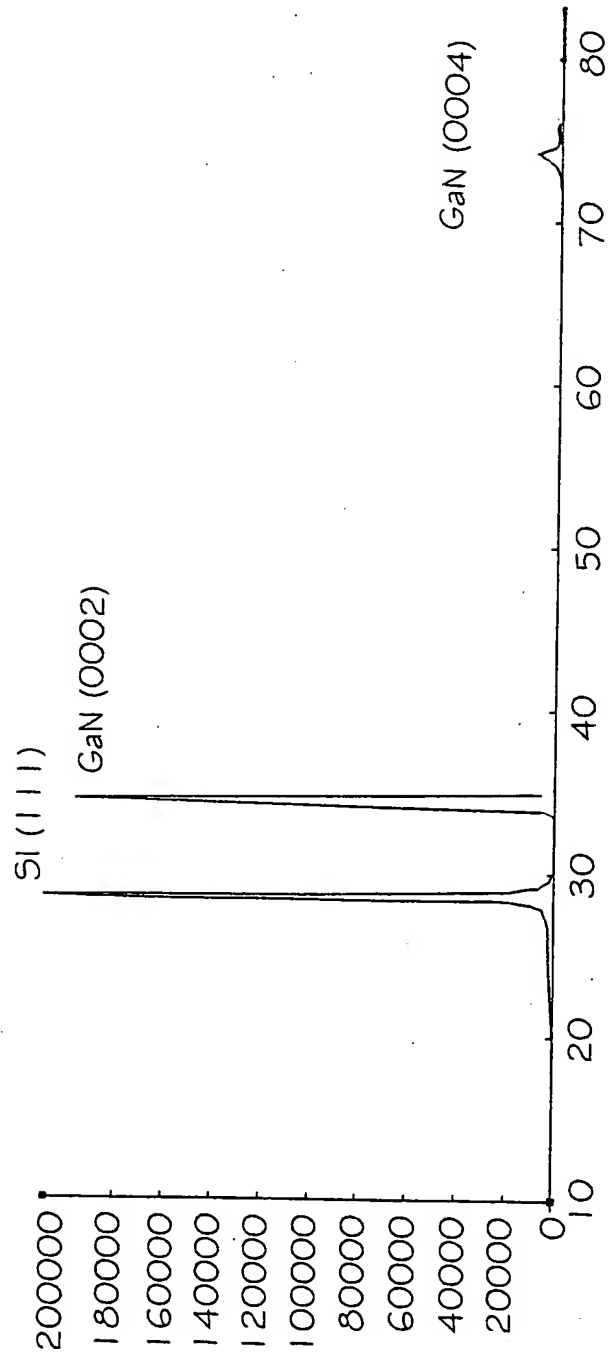
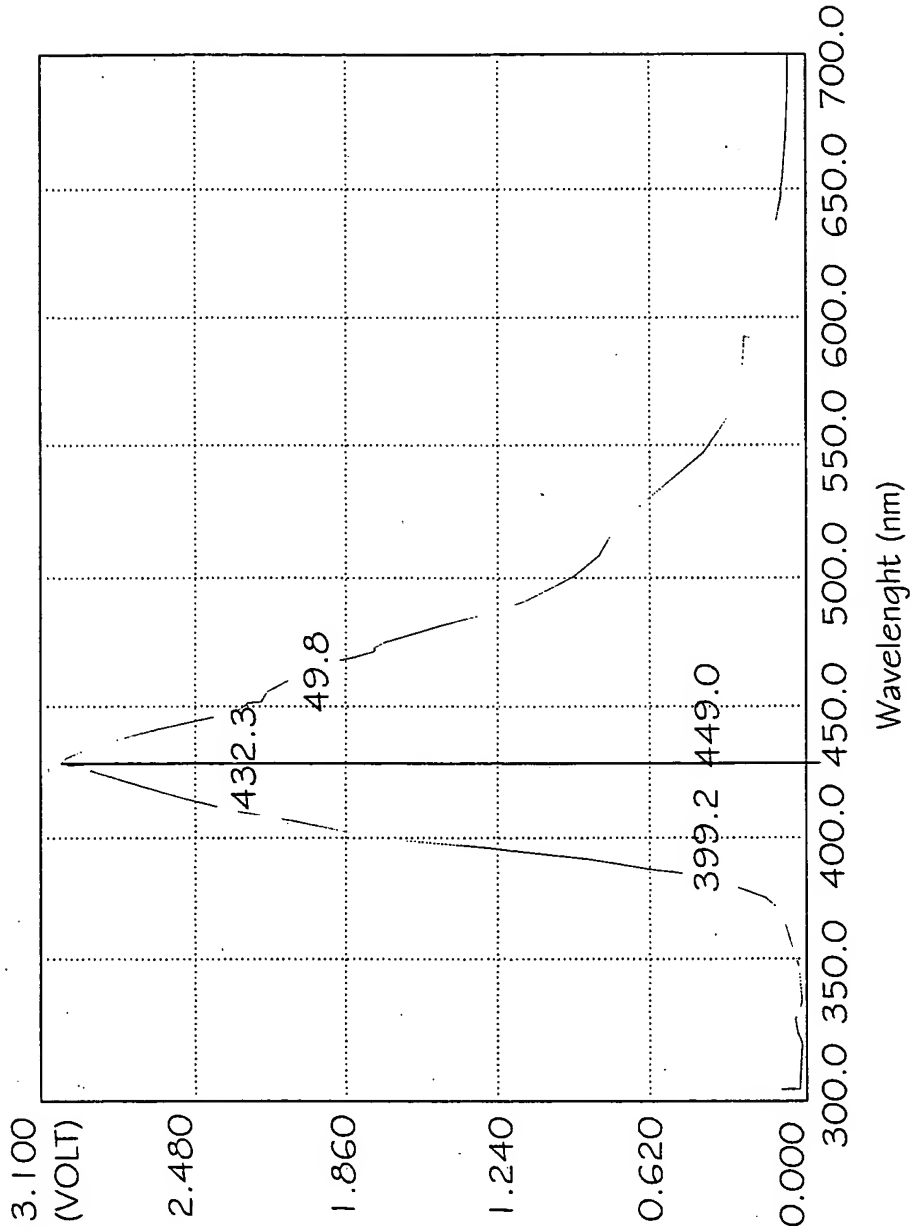


FIG. 4 (b)



Room Temperature PL of GaN/ZnO/Si



PL spectrum of GaN/ZnO/Si

Room Temperature PL of GaN/ZnO/Si

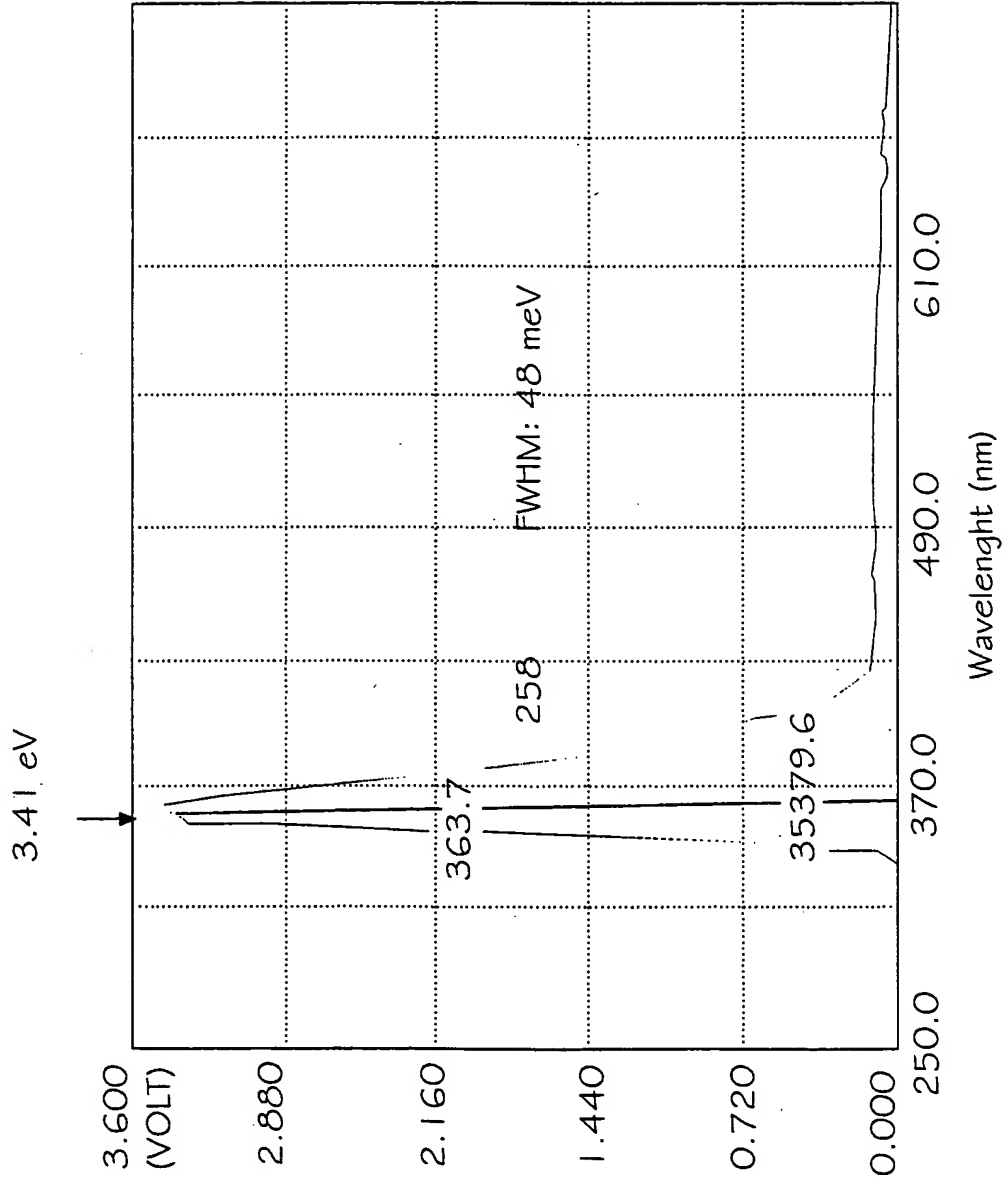


FIG. 8 (b)

PL spectrum of GaN on bare Si